

Debakar Roy

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[github](#) | [in linkedin](#) | [blog](#)

EXPERIENCE

Intel Corporation

August 2022 - Present

Karnataka, IN

Infrastructure and DevOps - SDE II / Tech Lead

- Maintained and developed test automation frameworks and solutions.
- Engineered scalable frameworks with RESTful APIs across multiple technologies.
- Integrated Intel tools and databases into CI pipelines.
- Identified and capitalized on automation opportunities to accelerate decision-making.
- Utilized LLM for automated ticket categorization and test content generation.
- Developed and delivered Python training courses: [Intermediate Python](#), [Pythonic Programming](#), [Functional Programming Using Python](#) for employees across different geographical locations.
- Served as a tech lead, participating in architecture review meetings for all planned projects.

Intel Corporation

August 2019 - August 2022

Karnataka, IN

Software Engineer

- Implemented automation solutions across multiple domains.
- Established an efficient CI/CD pipeline using industry-standard DevOps tools.
- Maintained code quality as a core contributor of the framework.
- Trained developers in various DevOps topics.

Intel Corporation

July 2018 - August 2019

Karnataka, IN

Undergrade Intern Technical

- Developed a Python-based automation framework for RF performance and compliance automation.
- Utilized Git, Intel XMM modems, Python, PyCharm IDE, CMW, and Anritsu Wideband Radio Communication Tester.

EDUCATION

Bachelor of Technology, Computer Science

August 2015 - July 2019

West Bengal, IN

Siliguri Institute of Technology, 9.12 DGPA

SKILLS

Programming Languages	Experienced: Python Familiar: Rust Bash C++ JavaScript
Software Development	Programming Paradigms Design Patterns Agile methodologies Git REST CLI CI/CD
Frameworks & Libraries	FastAPI Flask Vue Pandas Selenium Playwright Poetry HUGO
DevOps	Jenkins Kubernetes Docker CloudFoundry Rancher Terraform
Languages	Native: Hindi Fluent: English Beginner: Japanese Korean Mandarin

PROJECTS

kodekloud-downloader

April 2023

Download Manager for KodeKloud

[Source](#)

- Developed a download manager for KodeKloud with features for downloading video lessons and quizzes.

kissskh-dl

July 2022

CDrama/KDrama Downloader

[Source](#)

- Created a command-line tool for downloading and decrypting shows from kissskh.co.

Fetch Random Technical Tweets

December 2022

Twitter Data Fetcher

[Source](#)

- Developed a Vue app integrated with a REST API for fetching random technical tweets.

Flappy NEAT

February 2018

NeuroEvolution Game

[Source](#)

- Implemented a Flappy Bird game using the NeuroEvolution of Augmenting Topologies algorithm.

Myanimelist Data Set Creator

February 2018

Anime Data Parser

[Source](#)

- Created a tool for parsing and storing myanimelist.net data.

OPEN SOURCE CONTRIBUTIONS

- Contributed to various open source projects, enhancing functionality and fixing bugs. My contributions can be viewed on my GitHub profile: <https://github.com/debakarr>.